

U.S. PATENT & TRADEMARK OFFICE
CIPR
SEP 15 2004
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C., 20231, on:

Date: May 17, 2002By: Sandy Reisman
Sandy Reisman**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:	Kenneth H. Abbott <i>et al.</i>	ART UNIT:	2173
APPLICATION NO.:	09/724,777	CONF. NO.:	7668
FILED:	November 28, 2000		
FOR:	REQUESTING COMPUTER USER'S CONTEXT DATA		

**Information Disclosure Statement Within Three Months of
Application Filing or Before First Action – 37 CFR 1.97(b)**

Commissioner for Patents
Washington, D.C. 20231

Sir:

1. **Timing of Submission**

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 CFR 1.97(b)]. The references listed on the enclosed Form PTO/SB/08A (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. **Cited Information**

Copies of the following references are enclosed:

- All cited references
- References marked by asterisks
- The following: U.S. Patent No. 5,544,321
U.S. Patent No. 5,603,054
U.S. Patent No. 6,014,638
Japanese No. 05260188 (Abstract)
Japanese No. 09091112 (Abstract)

Copies of the following references can be found in parent application Ser. No. 09/216,193:

- All cited references
- References marked by asterisks
- The following:

Copies of the following references can be found in parent application Ser. No. 09/464,659:

- All cited references
- References marked by double asterisks
- The following:

The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

- All cited references
- References marked by ampersands
- The following: Japanese No. 05260188
Japanese No. 09091112

3. Effect of Information Disclosure Statement (37 CFR 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

Patent Term Adjustment (37 CFR 1.704(d))

The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Respectfully submitted,
PERKINS COIE LLP



James A. D. White
Registration No. 43,985

Correspondence Address:

Customer No. 25096
P.O. Box 1247
Seattle, Washington 98111-1247
Phone: (206) 583-8888
Fax: (206) 583-8500

Please type a plus sign (+) inside this box →

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)</p>				COMPLETE IF KNOWN		
				Application Number	09/724,777	Conf. No. 7668
				Filing Date	November 28, 2000	
				First Named Inventor	Kenneth H. Abbott	
				Group Art Unit	2173	
				Examiner Name	Unknown	
Sheet	1	of	3	Attorney Docket No.	294438019US1	
U.S. PATENT DOCUMENTS						
*EXAMINER INITIALS	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	NUMBER	Kind Code (if known)				
*	4,916,441		Gombrich	4/10/90		
*	5,032,083		Friedman	7/16/91		
*	5,201,034		Matsuura et al.	4/6/93		
*	5,208,449		Eastman et al.	5/4/93		
*	5,214,757		Mauney et al.	5/25/93		
*	5,227,614		Danielson et al.	7/13/93		
*	5,335,276		Thompson et al.	8/2/94		
*	5,416,730		Lookofsky	5/16/95		
*	5,470,233		Fruchterman et al.	11/28/95		
*	5,493,692		Theimer et al.	2/20/96		
	5,544,321		Theimer et al.	8/6/96		
*	5,555,376		Theimer et al.	9/10/96		
*	5,559,520		Barzegar et al.	9/24/96		
*	5,568,645		Morris et al.	10/22/96		
*	5,601,435		Quy	2/11/97		
	5,603,054		Theimer et al.	2/11/97		
*	5,611,050		Theimer et al.	3/11/97		
*	5,642,303		Small et al.	6/24/97		
*	5,646,629		Loomis et al.	7/8/97		
*	5,719,744		Jenkins et al.	2/17/98		
*	5,726,660		Purdy et al.	3/10/98		
*	5,751,260		Nappi et al.	5/12/98		
*	5,781,913		Felsenstein et al.	7/14/98		
*	5,790,974		Tognazzini	8/4/98		
*	5,798,733		Ethridge	8/25/98		
*	5,812,865		Theimer et al.	9/22/98		
*	5,873,070		Bunte et al.	2/16/99		
*	5,878,274		Kono et al.	3/2/99		
*	5,902,347		Backman et al.	5/11/99		
*	5,910,799		Carpenter et al.	6/8/99		
*	5,938,721		Dussell et al.	8/17/99		
*	5,948,041		Abo et al.	9/7/99		
*	5,959,611		Smailagic et al.	9/28/99		
*	5,991,687		Hale et al.	11/23/99		
	6,014,638		Burge et al.	1/11/00		
*	6,047,301		Bjorklund et al.	4/4/00		
*	6,064,943		Clark, Jr. et al.	5/16/00		
*	6,108,197		Janik	8/22/00		
*	6,127,990		Zwern	8/3/00		
EXAMINER				DATE CONSIDERED		
<p>* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).</p>						

Please type a plus sign (+) inside this box →

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				COMPLETE IF KNOWN	
				Application Number	09/724,777
				Filing Date	November 28, 2000
				First Named Inventor	Kenneth H. Abbott
				Group Art Unit	2173
				Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket No.	294438019US1

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIALS	Office	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Number	Kind Code (if known)				
*	EPO	EP 0823 813A2		Kopin Corporation	2/11/98		
	JPO	05260188		Matsushita Electric Ind. Co. Ltd.	10/8/93	Abstract Only	
	JPO	09091112		Toshiba Corp.	4/4/97	Abstract Only	
*	PCT	WO 90/08361		The Scott Fetzer Company	7/26/90		
*	PCT	WO 97/03434		Virtual I/O, Inc.	1/30/97		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

*EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
*	“‘Affective Understanding:’ Modeling and Responding to User Affect,” http://www.media.mit.edu/affect/AC_research/understanding.html , pp. 1-3 [Accessed 2 Oct 1998].	
*	“Alps GlidePoint,” http://www.alps.com/p17.html , p. 1 [Accessed 2 Oct 1998].	
*	“GyroPoint Technology,” http://www.gyration.com/html/gyropoint.html , pp. 1-3 [Accessed 2 Oct 1998].	
*	“Haptics,” http://www.ai.mit.edu/projects/handarm-haptics/haptics.html , pp. 1-2 [Accessed 2 Oct 1998].	
*	“Research Areas in Affective Computing,” http://www.media.mit.edu/affect/ , p. 1 [Accessed 2 Oct 1998]	
*	“Research on Affective Pattern Recognition and Modeling,” http://www.media.mit.edu/affect/AC_research/recognizing.html , pp. 1-4 [Accessed 2 Oct 1998].	
*	“Research on Sensing Human Affect,” http://www.media.mit.edu/affect/AC_research/sensing.html , pp. 1-5 [Accessed 2 Oct 1998].	
*	“Smart Rooms,” http://vismod.www.media.mit.edu/vismod/demos/smартroom/ , pp. 1-3 [Accessed 2 Oct 1998].	
*	“SmartDesk Home Page,” http://vismod.www.media.mit.edu/vismod/demos/smартdesk/ , pp. 1-4 [Accessed 2 Oct 1998].	
*	“The MIT Wearable Computing Web Page,” http://wearables.www.media.mit.edu/projects/wearables/ , pp. 1-3 [Accessed 2 Oct 1998].	
*	“Wearable Computer Systems for Affective Computing,” http://www.media.mit.edu/affect/AC_research/wearables.html , pp. 1-5 [Accessed 2 Oct 1998].	
**	Aoki, Hisashi et al., “Realtime Personal Positioning System for a Wearable Computer,” 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
*	Bauer et al., “A Collaborative Wearable System with Remote Sensing,” University of Oregon, February 1996	
*	Billinghurst, Mark and Thad Starner, “New Ways to Manage Information,” IEEE, pp. 57-64, January 1999.	
**	Bowskill, J. et al., “Wearable Location Mediated Telecommunications: A First Step Towards Contextual Communication,” 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19 1999	
**	Dey, Anind K. et al., “The Conference Assistant: Combining Context-Awareness with Wearable Computing,” 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
*	Finger et al., “Rapid Design and Manufacture of Wearable Computers,” Communication of the ACM, Vol. 39, No. 2, February 1996, pp. 63-68	
**	Golding, Andrew and Neal Lesh, “Indoor Navigation Using a Diverse Set of Cheap, Wearable Sensors,” 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
*	Hull et al., “Towards Situated Computing,” Hewlett-Packard Laboratories, HPL-97-66 (1997).	
*	Kirsch, Dana, “The Sentic Mouse: A tool for measuring emotional valence,” http://www.media.mit.edu/affect/AC_research/projects/sentic_mouse.html , pp. 1-2 [Accessed 2 Oct 1998].	
*	Kortuem et al., “Context-Aware, Adaptive Wearable Computers as Remote Interfaces to ‘Intelligent’ Environments,” University of Oregon, October 1998	
**	Kortuem, Gerd, “When Cyborgs Meet: Building Communities of Cooperating Wearable Agents,” 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	

EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	

Please type a plus sign (+) inside this box →

PTO/SB/08A

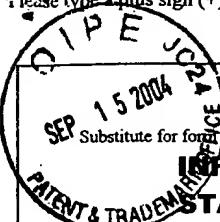
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)</p>				COMPLETE IF KNOWN	
				Application Number	09/724,777
				Filing Date	November 28, 2000
				First Named Inventor	Kenneth H. Abbott
				Group Art Unit	2173
				Examiner Name	Unknown
Sheet	3	of	3	Attorney Docket No.	294438019US1

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
*	Lashkari, Yezdi et al., "Collaborative Interface Agents," Proceedings of AAAI '94 Conference, Seattle, Washington, August 1994	
**	Lehikoinen, Juha et al., "MEX: A Distributed Software Architecture for Wearable Computers," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
**	Leonhardi, Alexander et al., "Virtual Information Towers - A Metaphor for Intuitive, Location-Aware Information Access in a Mobile Environment," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
*	Lunt, Teresa F. et al., "Knowledge-Based Intrusion Detection," Proceedings of the Annual Artificial Intelligence Systems in Government Conference, IEEE Comp. Soc. Press, Vol. Conf. 4, 1989, pages 102-107.	
*	Maes, Pattie, "Agents That Reduce Work and Information Overload," Communications of the ACM, Vol. 37, No. 7, July 1994	
*	Mann, Steve, "Smart Clothing: Wearable Multimedia Computing and 'Personal Imaging' to Restore the Technological Balance Between People and Their Environments", ACM Multimedia, November 1996, pp. 163-174	
*	Metz, Cade, "MIT: Wearable PCs, Electronic Ink, and Smart Rooms," PC Magazine, pp. 192-193, June 1998.	
*	Oakes, Chris, "The Truman Show Realized?", http://www.wired.com/news/news/technology/story/15745.html , pp. 1-4 [Accessed 21 Oct 1998].	
*	Picard, R. W. and Healey, J., "Affective Wearables," Personal Technologies vol. 1: 231-240, MIT Media Laboratory (1997).	
*	Rekimoto et al., "The World through the Computer: Computer Augmented Interaction with Real World Environments," ACM, November 1995, pp. 29-36	
*	Rhodes, Bradley, "WIMP Interface Considered Fatal," http://rhodes.www.media.mit.edu/people/rhodes/Papers/no-wimp.html , pp. 1-3 [Accessed 2 Oct 1998].	
*	Rhodes, Bradley, J. "The Wearable Remembrance Agent: A System for Augmented Memory," Proceedings of the First International Symposium on Wearable Computers (ISWC '97), Cambridge, MA, October 13-14, 1997	
*	Sato, J. et al., "Autonomous Behavior Control of Virtual Actors Based on the AIR Model," Proceedings Computer Animation, June 5, 1997.	
**	Schneider, Jay and Jim Suruda, "Modeling Wearable Negotiation in an Opportunistic Task Oriented Domain," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19 1999	
*	Smailagic et al., "Matching interface design with user task: Modalities of Interaction with CMU Wearable Computers," IEEE Personal Communications, February 1996, pp. 14-25	
**	Smailagic, Asim et al., "MoCCA: A Mobile Communication and Computing Architecture," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	
*	Starner et al., "Visual Contextual Awareness in Wearable Computing," Media Lab, MIT, October 1998	
*	Tan, Hong Z. and Alex Pentland, "Tactual Displays for Wearable Computing," IEEE, Massachusetts Institute of Technology Media Laboratory, pp. 84-88, 1997.	
**	Yang, Jie et al., "Smart Sight: A Tourist Assistant System," 3 rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999	

EXAMINER	DATE CONSIDERED
<p>* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).</p>	



**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/724,777	Conf. No. 7668
Filing Date	November 28, 2000	
First Named Inventor	Kenneth H. Abbott	
Group Art Unit	2173	
Examiner Name	Unknown	

RECEIVED

Sheet

1

of

3

Attorney Docket No.

294438019US1

MAY 24 2001

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	U.S. Patent Document NUMBER	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Relevant Passages or Figures Appear
				Technological Content
T14	* 4,916,441	Gombrich	4/10/90	
	* 5,032,083	Friedman	7/16/91	
	* 5,201,034	Matsuura et al.	4/6/93	
	* 5,208,449	Eastman et al.	5/4/93	
	* 5,214,757	Mauney et al.	5/25/93	
	* 5,227,614	Danielson et al.	7/13/93	
	* 5,335,276	Thompson et al.	8/2/94	
	* 5,416,730	Lookofsky	5/16/95	
	* 5,470,233	Fruchterman et al.	11/28/95	
	* 5,493,692	Theimer et al.	2/20/96	
	5,544,321	Theimer et al.	8/6/96	
	* 5,555,376	Theimer et al.	9/10/96	
	* 5,559,520	Barzegar et al.	9/24/96	
	* 5,568,645	Morris et al.	10/22/96	
	* 5,601,435	Quy	2/11/97	
	5,603,054	Theimer et al.	2/11/97	
	* 5,611,050	Theimer et al.	3/11/97	
	* 5,642,303	Small et al.	6/24/97	
	* 5,646,629	Loomis et al.	7/8/97	
	* 5,719,744	Jenkins et al.	2/17/98	
	* 5,726,660	Purdy et al.	3/10/98	
	* 5,751,260	Nappi et al.	5/12/98	
	* 5,781,913	Felsenstein et al.	7/14/98	
	* 5,790,974	Tognazzini	8/4/98	
	* 5,798,733	Ethridge	8/25/98	
	* 5,812,865	Theimer et al.	9/22/98	
	* 5,873,070	Bunte et al.	2/16/99	
	* 5,878,274	Kono et al.	3/2/99	
	* 5,902,347	Backman et al.	5/11/99	
	* 5,910,799	Carpenter et al.	6/8/99	
	* 5,938,721	Dussell et al.	8/17/99	
	* 5,948,041	Abo et al.	9/7/99	
	* 5,959,611	Smailagic et al.	9/28/99	
	* 5,991,687	Hale et al.	11/23/99	
	6,014,638	Burge et al.	1/11/00	
	* 6,047,301	Bjorklund et al.	4/4/00	
	* 6,064,943	Clark, Jr. et al.	5/16/00	
	* 6,108,197	Janik	8/22/00	
	* 6,127,990	Zwern	8/3/00	

EXAMINER

Tadeusz Hale

DATE CONSIDERED

10/15/03

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

SEP 15 2004

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Patent and Trademark Office

COMPLETE IF KNOWN

Application Number	09/724,777	Conf. No. 7668
Filing Date	November 28, 2000	RECEIVED
First Named Inventor	Kenneth H. Abbott	
Group Art Unit	2173	MAY 24 2001
Examiner Name	Unknown	

Sheet

2

of

3

Attorney Docket No.

294438019US

Technology Center

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIALS	Foreign Patent Document	Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Kind Code Number (if known)			
	*	EPO	EP 0823 813A2	Kopin Corporation	2/11/98	
		JPO	05260188	Matsushita Electric Ind. Co. Ltd.	10/8/93	Abstract Only
		JPO	09091112	Toshiba Corp.	4/4/97	Abstract Only
	*	PCT	WO 90/08361	The Scott Fetzer Company	7/26/90	
	*	PCT	WO 97/03434	Virtual I/O, Inc.	1/30/97	

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

*EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
TH	<p>* "Affective Understanding: Modeling and Responding to User Affect," http://www.media.mit.edu/affect/AC_research/understanding.html, pp. 1-3 [Accessed 2 Oct 1998].</p> <p>* "Alps GlidePoint," http://www.alps.com/p17.html, p. 1 [Accessed 2 Oct 1998].</p> <p>* "GyroPoint Technology," http://www.gyration.com/html/gyropoint.html, pp. 1-3 [Accessed 2 Oct 1998].</p> <p>* "Haptics," http://www.ai.mit.edu/projects/handarm-haptics/haptics.html, pp. 1-2 [Accessed 2 Oct 1998].</p> <p>* "Research Areas in Affective Computing," http://www.media.mit.edu/affect/, p. 1 [Accessed 2 Oct 1998]</p> <p>* "Research on Affective Pattern Recognition and Modeling," http://www.media.mit.edu/affect/AC_research/recognizing.html, pp. 1-4 [Accessed 2 Oct 1998].</p> <p>* "Research on Sensing Human Affect," http://www.media.mit.edu/affect/AC_research/sensing.html, pp. 1-5 [Accessed 2 Oct 1998].</p> <p>* "Smart Rooms," http://vismod.www.media.mit.edu/vismod/demos/smartroom/, pp. 1-3 [Accessed 2 Oct 1998].</p> <p>* "SmartDesk Home Page," http://vismod.www.media.mit.edu/vismod/demos/smardesk/, pp. 1-4 [Accessed 2 Oct 1998].</p> <p>* "The MIT Wearable Computing Web Page," http://wearables.www.media.mit.edu/projects/wearables/, pp. 1-3 [Accessed 2 Oct 1998].</p> <p>* "Wearable Computer Systems for Affective Computing," http://www.media.mit.edu/affect/AC_research/wearables.html, pp. 1-5 [Accessed 2 Oct 1998].</p> <p>** Aoki, Hisashi et al., "Realtime Personal Positioning System for a Wearable Computer," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999</p> <p>* Bauer et al., "A Collaborative Wearable System with Remote Sensing," University of Oregon, February 1996</p> <p>* Billinghurst, Mark and Thad Starner, "New Ways to Manage Information," IEEE, pp. 57-64, January 1999.</p> <p>** Bowskill, J. et al., "Wearable Location Mediated Telecommunications; A First Step Towards Contextual Communication," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19 1999</p> <p>** Dey, Anind K. et al., "The Conference Assistant: Combining Context-Awareness with Wearable Computing," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999</p> <p>* Finger et al., "Rapid Design and Manufacture of Wearable Computers," Communication of the ACM, Vol. 39, No. 2, February 1996, pp. 63-68</p> <p>** Golding, Andrew and Neal Lesh, "Indoor Navigation Using a Diverse Set of Cheap, Wearable Sensors," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999</p> <p>* Hull et al., "Towards Situated Computing," Hewlett-Packard Laboratories, HPL-97-66 (1997).</p> <p>* Kirsch, Dana, "The Sentic Mouse: A tool for measuring emotional valence," http://www.media.mit.edu/affect/AC_research/projects/sentic_mouse.html, pp. 1-2 [Accessed 2 Oct 1998].</p> <p>* Kortuem et al., "Context-Aware, Adaptive Wearable Computers as Remote Interfaces to 'Intelligent' Environments," University of Oregon, October 1998</p> <p>** Kortuem, Gerd, "When Cyborgs Meet: Building Communities of Cooperating Wearable Agents," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999</p>	

EXAMINER

Tadeusz Hala

DATE CONSIDERED

10/15/03

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(use as many sheets as necessary)

OCT 15 2004

MAY 21 2002



Patent and Trademark Office

COMPLETE IF KNOWN

Application Number	09/724,777	Conf. No. 7668
Filing Date	November 28, 2000	RECEIVED
First Named Inventor	Kenneth H. Abbott	MAY 24 2002
Group Art Unit	2173	
Examiner Name	Unknown	

Sheet 3 of 3 Attorney Docket No. 294438019US Technology Center 2100

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

*EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.	T
TH	<p>* Lashkari, Yezdi et al., "Collaborative Interface Agents," Proceedings of AAAI '94 Conference, Seattle, Washington, August 1994</p> <p>** Lehikoinen, Juha et al., "MEX: A Distributed Software Architecture for Wearable Computers," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999</p> <p>** Leonhardi, Alexander et al., "Virtual Information Towers - A Metaphor for Intuitive, Location-Aware Information Access in a Mobile Environment," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999</p> <p>* Lunt, Teresa F. et al., "Knowledge-Based Intrusion Detection," Proceedings of the Annual Artificial Intelligence Systems in Government Conference, IEEE Comp. Soc. Press, Vol. Conf. 4, 1989, pages 102-107.</p> <p>* Maes, Pattie, "Agents That Reduce Work and Information Overload," Communications of the ACM, Vol. 37, No. 7, July 1994</p> <p>* Mann, Steve, "Smart Clothing: Wearable Multimedia Computing and 'Personal Imaging' to Restore the Technological Balance Between People and Their Environments", ACM Multimedia, November 1996, pp. 163-174</p> <p>* Metz, Cade, "MIT: Wearable PCs, Electronic Ink, and Smart Rooms," PC Magazine, pp. 192-193, June 1998.</p> <p>* Oakes, Chris, "The Truman Show Realized?," http://www.wired.com/news/news/technology/story/15745.html, pp. 1-4 [Accessed 21 Oct 1998].</p> <p>* Picard, R. W. and Healey, J., "Affective Wearables," Personal Technologies vol. 1: 231-240, MIT Media Laboratory (1997).</p> <p>* Rekimoto et al., "The World through the Computer: Computer Augmented Interaction with Real World Environments," ACM, November 1995, pp. 29-36</p> <p>* Rhodes, Bradley, "WIMP Interface Considered Fatal," http://rhodes.www.media.mit.edu/people/rhodes/Papers/no-wimp.html, pp. 1-3 [Accessed 2 Oct 1998].</p> <p>* Rhodes, Bradley, J. "The Wearable Remembrance Agent: A System for Augmented Memory," Proceedings of the First International Symposium on Wearable Computers (ISWC '97), Cambridge, MA, October 13-14, 1997</p> <p>* Saito, J. et al., "Autonomous Behavior Control of Virtual Actors Based on the AIR Model," Proceedings Computer Animation, June 5, 1997.</p> <p>** Schneider, Jay and Jim Suruda, "Modeling Wearable Negotiation in an Opportunistic Task Oriented Domain," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19 1999</p> <p>* Smailagic et al., "Matching interface design with user task: Modalities of Interaction with CMU Wearable Computers," IEEE Personal Communications, February 1996, pp. 14-25</p> <p>** Smailagic, Asim et al., "MoCCA: A Mobile Communication and Computing Architecture," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999</p> <p>* Starner et al., "Visual Contextual Awareness in Wearable Computing," Media Lab, MIT, October 1998</p> <p>* Tan, Hong Z. and Alex Pentland, "Tactual Displays for Wearable Computing," IEEE, Massachusetts Institute of Technology Media Laboratory, pp. 84-88, 1997.</p> <p>** Yang, Jie et al., "Smart Sight: A Tourist Assistant System," 3rd International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999</p>	

EXAMINER

Teresa Abbott

DATE CONSIDERED

10/15/03

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).